EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L19	2	EP-1197985-$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 08:44
L33	3	("6943349").URPN.	USPAT	OR	ON	2009/05/28 09:01
L34	2	EP-1150327-$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:05
L35	0	EP-10213664-$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:48
L36	0	EP-0213664-$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:48
L37	2	EP-213664-$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:49
L39	24	((spherical adj aberration) with octopole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:52

L40	291	((source or gun) near4 electrons near4 (anode or extract$4) near4 aperture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 10:11
L41	13	40 and (aperture with (gun or source) with (separat$4 or divid$4) with beam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 10:12
L42	37	40 and (aperture with (gun or source) with (integrat$4 or coupl$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 10:15
L43	33	40 and (charg$4 adj particle adj beam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 10:16
L44	50	(aperture adj plate) near2 (gun or source) near2 electrons	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 10:18
L45	3880	(aperture with (anode or extract$4) with electrons)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 10:22
L46	552	45 and (aberration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 10:22

L47	232	46 and (object$4 near2 lens)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 10:23
L48	74	47 and (separat$4 or divid$4) with beams with aperture	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 10:23
L49	38	48 and (charg$4 near2 particle near2 beam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 10:24
L50	1829	(("without" or prevent) near2 crossover)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 10:48
L51	20	50 and (charg$4 near2 particle near2 beam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 10:49
S1	126	(FROSIEN near2 JUERGEN).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 08:34
S2	15	S1 and (((particle or electron or ion) near2 beam) with (cross?section$4 or (cross)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 08:36

S3	17047	((250/396R,396ML,306,307,309,310,311,492.1,492.36,505.1,515.1) or (850/9,63)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/27 09:14
S4	3	S3 and (beam with circumference with area with (aperture or cross or orifice or slot))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:36
S5	99	(beam with circumference with area with (aperture or cross or orifice or slot))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:36
S6	4	(beam with circumference with area with (aperture or cross or orifice or slot) with ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:36
S7	1782	(aperture with cross with shap$4 with beam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:49
S8	769	S7 and (electron or ion or particle) near2 beam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:49
S9	20	S3 and (circumference with aperture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:49

S10	296	(increas$4 with circumference with aperture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:53
S11	10	S10 and (electron or ion or particle) near2 beam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:53
S12	22	(circumference with aperture) and (focus$4 with location with beam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:55
S13	5636	(cross near2 shap$2) near4 (aperture or orifice)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:57
S14	355	S13 and (electron or ion or particle) near2 beam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:57
S15	1	S14 and (circumference with area with (aperture or orifice))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:57
S16	10	S13 and (circumference with area with (aperture or orifice))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:58

S17	264	S14 and (aperture with beam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 09:59
S18	200	S14 and ((cross near2 shap$2) with beam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:00
S19	195	S17 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:00
S20	65	S19 and (objective near2 lens)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:01
S21	2	(("4524278") or ("4982099")).PN.	US-PGPUB; USPAT	OR	OFF	2009/05/27 10:15
S22	13	("4982099").URPN.	USPAT	OR	ON	2009/05/27 10:15
S23	4	(Boersch?effect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:18
S24	6	("3996468").URPN.	USPAT	OR	ON	2009/05/27 10:20
S25	1106	(aperture with (source or emitter) with (location or plac$5) with beam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:25

S26	270	S25 and (aperture near2 shap$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:26
S27	108	S26 and (aperture.ab.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:26
S28	38	S27 and (object$4 near2 lens)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:26
S29	386	(cross?over or crossover) with (object$4 near2 lens)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:38
S30	107	S29 and (aperture with electron with shap$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:38
S31	42	S30 and (aperture with ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:39
S32	3	"20020079448"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:01
S33	6	("3714422" | "3996468" | "4608491" | "5866905" | "5900629").PN. OR ("7186975").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 11:04

S34	9	("4608491").URPN.	USPAT	OR	ON	2009/05/27 11:07
S35	9	("4608491").URPN.	USPAT	OR	ON	2009/05/27 11:07
S36	19	("20020047096" | "20030001102" | "20030098415" | "20030122076" | "20040029046" | "20050040332" | "20050104006" | "20050211921" | "20050263715" | "3714422" | "5900629" | "6323499" | "6552340" | "6627890" | "6838667" | "6982427" | "7135677" | "7173259" | "7186975").PN. OR ("7504624").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 11:08
S37	8	("3714422").URPN.	USPAT	OR	ON	2009/05/27 11:10
S38	0	(beam with shap$4 with aperture with (source or emitter)) same (aperture near3 cross?like)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:12
S39	4	(beam with shap$4 with aperture with (source or emitter)) same (aperture near3 (cross adj shap$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:12
S40	41	(beam with shap$4 with aperture) same (aperture near3 (cross adj shap$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:14
S41	14	S40 and (electron or particle) near2 beam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:15
S42	22	("3573849" | "3900737" | "4213053" | "4243866" | "4469950" | "4806921" | "4879605" | "5393987" | "5876902" | "6011269" | "6069971").PN. OR ("6556702").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 11:29
S43	1051	cross adj shap$4 adj (aperture or opening or orifice)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:41

S44	32	S43 and (electron or particle) near2 beam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:41
S45	132791	shap$4 adj (aperture or opening or orifice)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 12:35
S46	5159	S45 and (electron or particle) near2 beam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 12:35
S47	1024	S46 and ((object or object$4 or focus$4) near2 lens) with beam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 12:38
S48	200	S47 and (focus or focal) near2 plane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 12:39
S49	7	S48 and (aperture near2 shap$4).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 12:39
S50	16	S48 and (aperture with circumference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 12:48

S51	2	EP-1150327-$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 13:41
S52	1	("6943349").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/27 13:41
S53	24	("20020130262" | "20020166964" | "20030085360" | "20030168606" | "3491236" | "3857034" | "4130761" | "4694178" | "4859856" | "5099130" | "5747801" | "5892224" | "6124592" | "6252412" | "6465783" | "6545274" | "6576893" | "6586746" | "6614026" | "6617587").PN. OR ("6943349").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 13:43
S54	1	("6635891").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/27 13:49
S55	3	("5834783" | "6441384").PN. OR ("6635891").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 13:49
S56	10	("6441384").URPN.	USPAT	OR	ON	2009/05/27 13:55
S57	13	("20010008274" | "20010010362" | "20010028037" | "5329333" | "5631110" | "5701014" | "5821542" | "6218676" | "6222197" | "6326633" | "6429441" | "6441384").PN. OR ("6563125").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 13:56
S58	1	("6563125").URPN.	USPAT	OR	ON	2009/05/27 14:35
S59	169	(aperture with cross with shap$4 with plate) and (electron near2 beam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 14:37
S60	13	S59 and (object$4 near2 plane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 14:37
S61	5	cross?like near2 shap$4 near2 aperture	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 14:47

S62	493	cross adj shap$4 near2 aperture	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 14:48
S63	20	S62 and (electron or particle) near2 beam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 14:48
S64	14	("3795813" | "4246487" | "4350926" | "5821542").PN. OR ("6441384").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 15:09
S65	3	("5834783" | "6441384").PN. OR ("6635891").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 15:11

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